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Composition of ~~retarder~~ of cement - has ~~aldonic acid~~ or it's salt added to cement clinker powder and blast furnace granulated slag with calcium sulphate additions

Patent Assignee: ONODA CEMENT CO LTD (ONOD)

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Abstract (Basic): JP 9255388 A

0.1 - 5 pt wt of aldonic acid or it's salt, as a retarder, is added to 100 pt wt of a cement composition composed of cement clinker powder having $3\text{CaO} \cdot 3\text{Al}_2\text{O}_3 \cdot \text{CaSO}_4$, $2\text{CaO} \cdot \text{SiO}_2$, $4\text{CaO} \cdot \text{Al}_2\text{O}_3$, Fe_2O_3 and CaSO_4 , and a blast furnace granulated slag as main components, and including calcium sulphate when necessary.

ADVANTAGE - Increased strength after curing

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